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**COMBINED DECLARATION OF INVENTORSHIP
AND POWER OF ATTORNEY**



As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, next to my name.

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a United States Letters Patent is sought on the invention entitled "METHOD OF AND SYSTEM FOR PRODUCING DIGITAL IMAGES OF OBJECTS WITH SUBSTANTIALLY REDUCED SPECKLE-NOISE PATTERNS BY ILLUMINATING SAID OBJECTS WITH SPATIALLY AND/OR TEMPORALLY COHERENT-REDUCED PLANAR LASER ILLUMINATION", the Specification of which was filed on June 15, 2001, and assigned United States Application Number 09/883,130.

I hereby state that I have reviewed and understand the contents of the above identified Specification, including the Claims to Invention.

Under 35 USC Section 120, I hereby claim the benefit of the earlier filing dates of any United States Patent Application listed below: copending Application Serial No. 09/781,665 filed February 12, 2001; copending Application Serial No. 09/780,027 filed February 9, 2001; copending Application Serial No. 09/721,885 filed November 24, 2000; International Application PCT/US00/15624 filed June 7, 2000, published as WIPO Publication WO 00/75856; each said application being commonly owned by Assignee, Metrologic Instruments, Inc., of Blackwood, New Jersey, and incorporated herein by reference as if fully set forth herein.

I hereby acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including material information which became available between June 7, 2000, the filing date of prior International Application PCT/US00/15624 identified above, and June 15, 2001, the national filing date of this application.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint Thomas J. Perkowski, Esq., Reg. No. 33,134, and Jay P. Sbröllini, Esq., Reg. No. 36,266 of Thomas J. Perkowski, Esq., P.C., of Soundview Plaza, 1266 East Main Street, Stamford, Connecticut 06902, to represent Applicants before the United States Patent and Trademark Office and to transact all business in connection with the above-referenced application, and any continuation, division and continuation-in-part applications thereof.

Please send all future correspondence in the above-referenced application to:

Thomas J. Perkowski, Esq., P.C.
Soundview Plaza
1266 East Main Street
Stamford, Connecticut 06902

Please direct all telephone calls to Thomas J. Perkowski, Esq. at (203) 357-1950.

First joint inventor,
Residence:

Post Office Address:
Citizenship: USA
Date: August 31, 2001

Constantine J. Tsikos: C. J. Tsikos
65 Woodstone Drive
Voorhees, New Jersey 08043-4749
Same as above
USA

Combined Declaration of Inventorship
And Power of Attorney
U.S. Appl. No. 09/883,130
Attorney Docket No.: 108-106USA000

Second joint inventor,
Residence:

Post Office Address:
Citizenship:
Date: August 24 2001

Allan Wirth: Allan Wirth
358 Concord Road
Bedford, Massachusetts 01730
Same as above
USA

Third joint inventor,
Residence:

Post Office Address:
Citizenship:
Date: August 24 2001

Andrew Jankevics: Andrew Jankevics
80R Carlisle Road
Westford, MA 01886
Same as above
USA

Fourth joint inventor,
Residence:

Post Office Address:
Citizenship:
Date: August 24 2001

Steve Y. Kim: Steve Y. Kim
129 Franklin Street, #113
Cambridge, Massachusetts 02139
Same as above
USA

Fifth joint inventor,
Residence:

Post Office Address:
Citizenship:
Date: August 24 2001

Timothy Good: Timothy Good
2041 Broad Acres Drive
Clementon, NJ 08021
Same as above
USA

Sixth joint inventor,
Residence:

Post Office Address:
Citizenship:
Date: August 16 2001

Thomas Amundsen: Thomas Amundsen
620 Glen Court
Turnersville, New Jersey 08012
Same as above
USA

Seventh joint inventor,
Residence:

Post Office Address:
Citizenship:
Date: August 29 2001

Charles A. Naylor: Charles A. Naylor
486 Center Street
Sewell, New Jersey 08080
Same as above
USA

Eighth joint inventor,
Residence:

Post Office Address:
Citizenship:
Date: August 28 2001

Russell Joseph Dobbs: Russell Joseph Dobbs
4 Grass Road
Cherry Hill, New Jersey 08034
Same as above
USA

Ninth joint inventor,
Residence:

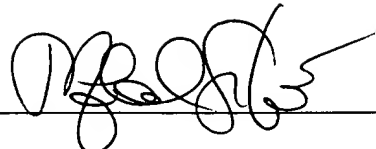
Post Office Address:
Citizenship:
Date: August 28 2001

Xiaoxun Zhu: Xiaoxun Zhu
669 Barton Run Boulevard
Marlton, New Jersey 08053
Same as above
Peoples Republic Of China

Combined Declaration of Inventorship
And Power of Attorney
U.S. Appln. No. 09/883,130
Attorney Docket No.: 108-106USA000


Tenth joint inventor,
Residence:

Post Office Address:
Citizenship:
Date: August 8, 2001

Michael D. Schnee: 
41 Penns Court
Aston, Pennsylvania 19014
Same as above
USA

Eleventh joint inventor,
Residence:

Post Office Address:
Citizenship:
Date: August 8, 2001

Carl Harry Knowles: 
425 East Linden Street
Moorestown, New Jersey 08057
Same as above
USA

PATENT ASSIGNMENT

For value received we, Constantine J. Tsikos, Allan Wirth, Andrew Jankevics, Steve Y. Kim, Timothy Good, Thomas Amundsen, Charles A. Naylor, Russell Joseph Dobbs, Xiaoxun Zhu, Michael D. Schnee, and Carl Harry Knowles, hereby sell, assign and transfer to Metrologic Instruments, Inc., having a place of business at 90 Coles Road, Blackwood, New Jersey 08012 and a state of incorporation in New Jersey, as assignee, and its successors, assigns and legal representatives, the entire rights, title and interest, for all countries in and to certain inventions disclosed in U.S. Application Serial 09/883,130 entitled "METHOD OF AND SYSTEM FOR ACQUIRING AND ANALYZING INFORMATION ABOUT THE PHYSICAL ATTRIBUTES OF OBJECTS USING PLANAR LASER ILLUMINATION BEAMS, VELOCITY-DRIVEN AUTO-FOCUSING AND AUTO-ZOOM IMAGING OPTICS, AND HEIGHT AND VELOCITY CONTROLLED IMAGE DETECTION ARRAYS", filed June 15, 2001, for Letters Patent of the United States, and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said invention be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said invention filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Constantine J. Tsikos (L.S.)

Kelly Doty
Notary Public
KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

_____(L.S.)
Allan Wirth

Edith Bolling
Notary Public
My Commission Expires Nov. 16, 2001

Andrew Jankevics (L.S.)
Andrew Jankevics

Rebecca B. Mallory
Notary Public
My Commission Expires Nov. 16, 2011

Signed at Cambridge, Massachusetts
this 20 day of August, 2001.

_____(L.S.)
Steve Y. Kim

State of Massachusetts)
County of Middlesex) ss: Cambridge.

This day before me personally appeared STEVE Y. KIM, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Rebecca B. Orrell
Notary Public
My Commission Expires Nov. 16, 2021

Signed at Blackwood, New Jersey
this 24 day of August, 2001.

Timothy Good (L.S.)

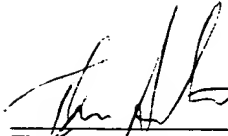
State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared TIMOTHY GOOD, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Sally Dwyer
Notary Public

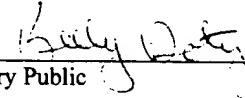
KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

Signed at Blackwood, New Jersey
this 3 day of August, 2001.


_____(L.S.)
Thomas Amundsen

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared THOMAS AMUNDSEN, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.



Notary Public

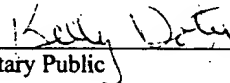
KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

Signed at Blackwood, New Jersey
this 29 day of August, 2001.


_____(L.S.)
Charles A. Naylor

State of New Jersey)
) ss:
County of Gloucester)

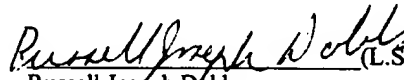
This day before me personally appeared CHARLES NAYLOR, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.



Notary Public

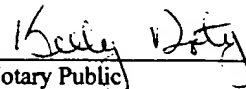
KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

Signed at Blackwood, New Jersey
this 26 day of August, 2001.


_____(L.S.)
Russell Joseph Dobbs

State of New Jersey)
) ss:
County of Gloucester)

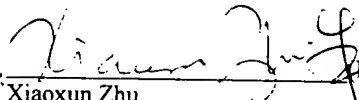
This day before me personally appeared RUSSELL JOSEPH DOBBS, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.



Notary Public

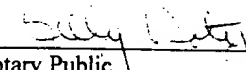
KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

Signed at Blackwood, New Jersey
this 16 day of August, 2001.

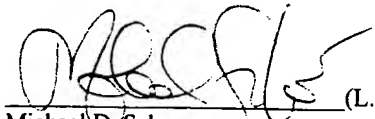

Xiaoxun Zhu (L.S.)

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared XIAOXUN ZHU, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

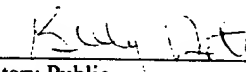

Notary Public
KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

Signed at Blackwood, New Jersey
this 29 day of August, 2001.



Michael D. Schnee (L.S.)

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared MICHAEL D. SCHNEE, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

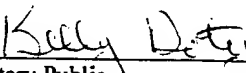

Notary Public
KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

Signed at Blackwood, New Jersey
this 31 day of August, 2001.


Carl Harry Knowles (L.S.)

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared CARL HARRY KNOWLES, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.


Notary Public
KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

PATENT ASSIGNMENT

For value received we, Constantine J. Tsikos, Michael D. Schnee, Xiaoxun Zhu, Thomas Amundsen, Charles A. Naylor, Russell Joseph Dobbs, and Carl Harry Knowles hereby sell, assign and transfer to Metrologic Instruments, Inc., a corporation of New Jersey, having a place of business at 90 Coles Road, Blackwood, New Jersey 08012, as assignee, and its successors, assigns and legal representatives, the entire rights, title and interest, for all countries in and to certain inventions disclosed in U.S. Application Serial No. 09/721,885 entitled "METHOD OF AND SYSTEM FOR PRODUCING IMAGES OF OBJECTS USING PLANAR LASER ILLUMINATION BEAMS AND IMAGE DETECTION ARRAYS," filed November 24, 2000 for Letters Patent of the United States, and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said invention be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said invention filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

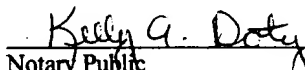
Patent Assignment
U.S.S.N. 09/721,885
Attorney Docket: 108-087USA000

Signed at Blackwood, New Jersey
this 21 day of June, 2001

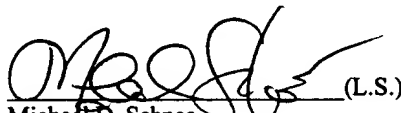

Constantine J. Tsikos (L.S.)

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared CONSTANTINE J. TSIKOS, who
acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

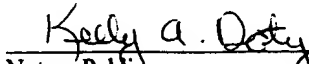

Notary Public

Signed at Blackwood, New Jersey
this 6 day of June, 2001


Michael D. Schnee (L.S.)

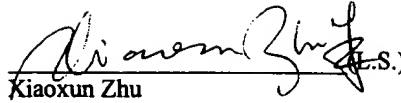
State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared MICHAEL D. SCHNEE, who acknowledged the
foregoing instrument and subscribed by him to be his free act and deed.


Notary Public

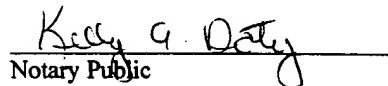
Patent Assignment
U.S.S.N. 09/721,885
Attorney Docket: 108-087USA000

Signed at Blackwood, New Jersey
this 16 day of June, 2001

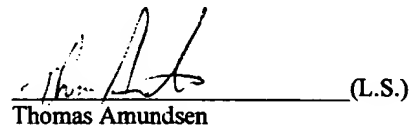

Xiaoxun Zhu

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared XIAOXUN ZHU, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

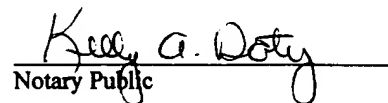

Notary Public

Signed at Blackwood, New Jersey
this 16 day of June, 2001


Thomas Amundsen (L.S.)

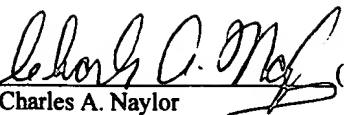
State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared Thomas Amundsen, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.


Notary Public

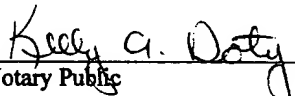
Patent Assignment
U.S.S.N. 09/721,885
Attorney Docket: 108-087USA000

Signed at Blackwood, New Jersey
this 4 day of June, 2001


Charles A. Naylor (L.S.)

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared Charles A. Naylor, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

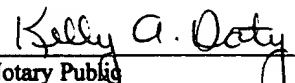

Notary Public

Signed at Blackwood, New Jersey
this 5 day of June, 2001


Russell Joseph Dobbs (L.S.)

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared Russell Joseph Dobbs, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.


Notary Public

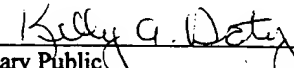
Patent Assignment
U.S.S.N. 09/721,885
Attorney Docket: 108-087USA000

Signed at Blackwood, New Jersey
this 15 day of June, 2001

 (L.S.)
C. Harry Knowles

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared C. HARRY KNOWLES, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.


Notary Public

PATENT ASSIGNMENT

For value received we, Constantine J. Tsikos, Michael D. Schnee, Xiaoxun Zhu, Thomas Amundsen, Charles A. Naylor, Russell Joseph Dobbs, Allan Wirth, Andrew Jankevics and Carl Harry Knowles hereby sell, assign and transfer to Metrologic Instruments, Inc., a corporation of New Jersey, having a place of business at 90 Coles Road, Blackwood, New Jersey 08012, as assignee, and its successors, assigns and legal representatives, the entire rights, title and interest, for all countries in and to certain inventions disclosed in U.S. Application Serial No. 09/780,027 entitled "METHOD OF AND SYSTEM FOR PRODUCING IMAGES OF OBJECTS USING PLANAR LASER ILLUMINATION BEAMS AND IMAGE DETECTION ARRAY," filed February 9, 2001 for Letters Patent of the United States, and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said invention be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said invention filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.


We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at Blackwood, New Jersey
this 31 day of August, 2001


Constantine J. Tsikos (L.S.)


State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared CONSTANTINE J. TSIKOS, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.


Notary Public
KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

PATENT ASSIGNMENT
U.S.S.N. 09/780,027
Attorney Docket: 108-098USA000

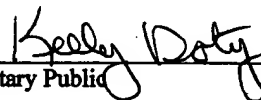
Signed at Blackwood, New Jersey
this 29 day of August, 2001



Michael D. Schnee (L.S.)

State of New Jersey)
) ss:
County of Gloucester)

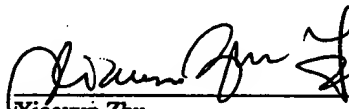
This day before me personally appeared MICHAEL D. SCHNEE, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.



Notary Public

KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

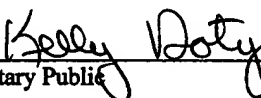
Signed at Blackwood, New Jersey
this 29 day of August, 2001



Xiaoxun Zhu (L.S.)

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared XIAOXUN ZHU, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.



Notary Public

KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

PATENT ASSIGNMENT
U.S.S.N. 09/780,027
Attorney Docket: 108-098USA000

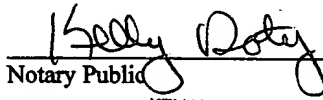
Signed at Blackwood, New Jersey
this 27 day of August, 2001



Thomas C. Amundsen (L.S.)


State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared THOMAS C. AMUNDSEN, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.



Notary Public
KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

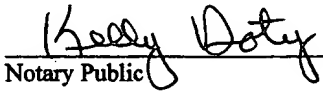
Signed at Blackwood, New Jersey
this 27 day of August, 2001



Charles A. Naylor (L.S.)

State of New Jersey)
) ss:
County of Gloucester)

This day before me personally appeared CHARLES A. NAYLOR, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.



Notary Public
KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002

PATENT ASSIGNMENT
U.S.S.N. 09/780,027
Attorney Docket: 108-098USA000

Cambridge MA
Signed at ~~Blackwood, New Jersey~~
this 20 day of August, 2001

Andrew Jankevics (L.S.)
Andrew Jankevics

Massachusetts
State of ~~New Jersey~~)
Middlesex) ss: Cambridge
County of ~~Gloucester~~)

This day before me personally appeared ANDREW JANKEVICS, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Rebecca B. Hall
Notary Public
My Commission Expires Nov. 16, 2001

Signed at Blackwood, New Jersey
this 21 day of August, 2001

C. H. Knowles (L.S.)
C. Harry Knowles

State of New Jersey)
County of Gloucester) ss:

This day before me personally appeared C. HARRY KNOWLES, who acknowledged the foregoing instrument and subscribed by him to be his free act and deed.

Kelly Doty
Notary Public

KELLY A. DOTY
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 1/21/2002